

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Date: January 12, 2006

Inspector: Don Ukers

Location: 115 kV Underground Route

Storm/

Rain Event: Approximately 0.53" of precipitation fell mostly in the form of rain on 1/11 as reported by NOAA.

| Areas of Inspection | Observation | Recommended Action |
|---|--|--|
| Vault Openings and Trench Construction | - Bethel Educational Park: No active work was present. 1/12/06 | -See erosion control section for specifics. 1/12/06 |
| | - Hoyts Hill Transition Structure: No work at this time. 1/12/06 | - None at this time. 1/12/06 |
| Gallows Hill Road and Rt. 107, Redding | - The storage area near the Rt. 107 turn had been graded and placed with topsoil but we have recommendations here. 12/22-1/12/06 | - See additional sections for more information. 12/22-1/12/06 |
| Rt. 58, Bethel | -Similar grading/topsoil work had been completed at Sunset Hill Rd. storage. 12/22-1/12/06 | - See additional sections for recommendations. 12/22-1/12/06 |
| Broad Street/ROW, Norwalk | - A few materials were left behind along the side of the roadway but most areas were mulched prior to snow cover. 12/22-1/12/06 | -General cleanup should be performed and the road surface is still fairly rough. 12/14-1/12/06 |
| | - Work on the structure near the substation was complete and scaffolding was to be removed soon. 1/12/06 | - See erosion control section for specifics. 1/12/06 |
| Main Ave. / Rt. 7, Norwalk | -115kV work associated with the structure at Norwalk Junction is finishing up as scaffolding is disassembled. 1/12/06 | - Coordinate snow plowing issues (when necessary) with other contractors . 12/14-1/12/06 |

| Areas of Inspection | Observation | Recommended Action |
|---|--|--|
| Erosion and Sediment Controls (includes inspection within 24 hours of a storm event) | - Both portions of the ROW remain fairly rutted under the partial snow cover. 12/1-1/12/06 | -Ruts should be repaired and straw mulch should be placed when access needs are complete. Snow and thaw periods are now a factor.12/8-1/12/06 |
| Bethel Educational Park | -The small, typical washout/gully areas remain on both portions. 12/8-1/12/06 | |
| Hoyts Hill Riser Transition Structure (Off Rt. 58) | - This site is complete but equipment access had created additional ruts along the sides of the drive in the mud. 11/23-1/12/06 | -Check status in the spring. Provide repair and straw mulch/seed if necessary. 1/12/06 |
| Route 58 | - A few areas of bare soil had remained around some of the recently accessed vaults but are now snow covered.1/4-1/12/06 | -Plan to return and restore the edge of roadway in the spring if necessary. 1/4-1/12/06 |
| | - The silt fence at the Putnam Park storage area was righted and the snow piles were pulled back. 1/12/06 | - None at this time. Toed-in perimeter fence/haybales should remain at this site until the growing season. 1/12/06 |
| | -The Sunset Hill Rd. storage area remained partially snow covered but previous issues remain. The contractor will be addressing this area soon. 1/12/06 | - There will be no chance of vegetative stabilization until the growing season, we recommend that that silt fence or haybales remain here- or the area should be well mulched as soon as there is snow melt. Soil should be shoveled out of the swale if feasible. 12/22-1/12/06 |
| Gallows Hill Road | -The area is well stabilized. 1/12/06 | - None at this time 1/12/06 |
| Rt. 107 (Lonetown Rd) | - The storage area south of the 90 degree turn on Rt. 107 remained snow covered. No erosion was previously noted but we recommend that erosion controls be reinstalled due to the more extensive area of disturbed soil and potential for run-off. 12/22-1/12/06 | - Since there will be no chance of vegetative stabilization until the growing season, we recommend that that toed in silt fence or haybales remain here or the area should be well mulched immediately due to the wetland area at the base of the slope. 12/22-1/12/06 |

| Areas of Inspection | Observation | Recommended Action |
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| Broad Street and ROW, Norwalk | - A disturbed area near the cemetery could use some mulch if feasible. 12/8-1/12/06 - The ROW was muddy and heavily rutted due to equipment access. 1/12/06 | - Leftover materials should also be picked up. 12/14-1/12/06 - Keep silt fence in good repair until the area is stabilized and the bike path constructed. 1/12/06 |
| Main Ave/ Rt. 7, Norwalk | -Any remaining silt fence issues here will be addressed by transition station contractors. 1/12/06 | -Coordinate any snow plowing needs with other contractors at Norwalk Junction. 1/12/06 |
| Soils | -Clean process remains in one pile at the Putnam Park storage area. Clean soil was spread at the Rt. 107 and Sunset Hill storage areas. 12/22-1/12/06 | - All soils appear to be handled appropriately. 12/22-1/12/06 |
| Adjacent Wetlands and Waterways | -The stream near Sara's Way off Rt. 58 remains clear and banks are free from erosion. 1/12/06 | - None at this time. Continue to monitor for final vegetative stabilization. 1/12/06 |
| Staging, Storage, and Parking Areas | - At the storage area off Rt. 58 near Putnam Park controls were righted and snow piles pulled back as recommended. 1/12/06 - The Sunset Hill Rd. and Rt. 107 storage yards have been graded and placed with topsoil and are no longer in use. However, the amount of disturbed soil left behind warrants additional attention. 12/22-1/12/06 | - Retain the silt fence here due to the proximity of the pond. 12/14-1/12/06 - Since disturbed soil remains and there is no chance of re-vegetation until the growing season, we recommend haybales or other erosion controls. The areas were not mulched prior to pulling the silt fence. 1/12/06 |
| State species of concern, threatened and endangered species | - No species of concern are located in the areas of construction. | - N/A |
| Vegetative clearing limits (including trees to save or danger trees noted) | - Any bare or rut areas should be re-restored when feasible although snow cover will now be a factor. 12/8-1/12/06 | -Restore within D&M timelines. 1/12/06. |
| Dewatering | - Dewatering does not appear to be necessary any longer. 1/12/06 | -None at this time. 1/12/06 |
| Blasting | - No blasting is occurring in any | - None at this time. |

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| | areas at this time. | |
| Spills and Material Storage | - A report of any leaks or spills that reach the ground and occur during the week should be provided to BSC from internal project inspectors 6/15-1/12/06 | - Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. Check equipment status on a regular basis and keep spill kits on hand. Report spills immediately, even if they are being controlled. - The contractors should remain vigilant about securing and handling fuel and material containers. - Equipment and materials should not be stored in wooded areas unless it is designated for storage. |

Next likely scheduled inspection:

Thursday, January 19, 2006

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature:

Diana Walden for Don Ukers



115kV (ROW and Norwalk Junction): Photo on the left shows a view of the structure adjacent to the Norwalk substation. Photo on the right shows a view of the structure at Norwalk Junction. Work was mostly and scaffolding was to be removed from both. 1/12/06



115kV (Rt. 58): Photo shows the Putnam Park storage area where silt fence was righted and snow piles were pulled back as recommended. 1/12/06



115kV (Rt.58). Photo shows a view of the Sunset Hill Rd. storage area. Erosion controls are still needed here as a proactive measure. Contractors will be performing some additional restoration here soon. 1/12/06



115kV (Bethel Ed) Work is inactive but some attention will be needed in the spring. Photo on the left shows some ruts remaining in the ROW access road and photo on the right shows the small area that continues to wash out regardless of efforts to stabilize. 1/12/06